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Multiprocessor on-line scheduling of hard-real-time tasks - all 9 versions »

ML Dertouzos, A Mok - IEEE Transactions on Software Engineering, 1989 -

doi.ieeecomputersociety.org

... problem evolves with **time** as in **run-time** scheduling, it ... once (we count this as one **context switch**), the lemma ... will be interrupted by the **scheduler** even though ...

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Effective distributed scheduling of parallel workloads - all 5 versions »

AC Dusseau, RH Arpaci, DE Culler - ACM SIGMETRICS Performance Evaluation Review, 1996 - portal.acm.org

... can collect data for the **scheduler** at **run-time**. ... robin, rather than the priority-based **schedulers** used in ... they find spinning for the **context-switch** cost gives ...

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Borrowed-virtual-time (BVT) scheduling: supporting latency-sensitive threads in a general-purpose ... - all 31 versions »

KJ Duda, DR Cheriton - ACM SIGOPS Operating Systems Review, 1999 - portal.acm.org

... bound threads still occurs because of the **context switch** allowance ... actual virtual **time**, and the **scheduler** ID in ... To implement **run-time** limits, we also include a ...

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Priority Scheduling Versus Pre-Run-Time Scheduling - all 6 versions »

J Xu, DL Parnas - Real-Time Systems, 2000 - Springer

... and thus significantly reduce the **time** required for **context switching**. (c) The priority **scheduler** also consumes significant **run-time** resources in ...

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Implementing a General Real-Time Scheduling Framework in the RED-Linux Real-Time Kernel - all 9 versions »

YC Wang, KJ Lin - IEEE Real-Time Systems Symposium, 1999 - doi.ieeeecs.org

... These **run-time** events are collected by Dispatcher but may ... Since the **scheduler** is now di- vided into two ... The major one is the **context switch** between Dispatcher ...

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APRIL: a processor architecture for multiprocessing - all 14 versions »

A Agarwal, BH Lim, D Kranz, J Kubiawicz - Computer Architecture, 1990. Proceedings. 17th Annual ... , 1990 - ieeexplore.ieee.org

... as scheduling can be migrated into **run-time** software ... illustrated in Figure 2. The **scheduler** tries to ... memory accesses, the need for **context switching** reduces to ...

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Cilk: an efficient multithreaded runtime system - all 35 versions »

RD Blumofe, CF Joerg, BC Kuszmaul, CE Leiserson, ... - Proceedings of the fifth ACM SIGPLAN symposium on Principles ... , 1995 - portal.acm.org

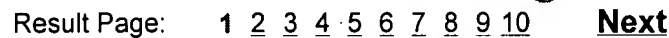
... a single nonblocking thread, which saves on **context switching**. ... is spawned causes

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